49152A Molded Cable Assemblies - DIN Cable Assembly

For more information please call
1-800-Belden1

See Put-ups and Colors

Description:

5-position shielded DIN, used where a shielded conductor is desired and as a low cost alternative to a D-Sub, PVC insulation, foil shield, straight handle, PVC Jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	5
Total Number of Conductors	5
Number of Pins	5
AWG	26
Stranding	19x38
Conductor Diameter	.020 in.
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	0.014 in.

OUTER SHIELD:

Outer Shield Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield %Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	26
Outer Shield Drain Wire Stranding	19x38
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	0.053 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.251 in.

ASSEMBLY DIMENSIONAL CHARACTERISTICS:

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Assembly Dimensional Length	10 ft.

CONNECTOR CHARACTERISTICS:

FIRST END :	
Connector Characteristics - First End Connector Type	DIN
Connector Characteristics - First End # of Connector Contacts/positions	5
Connector Characteristics - First End Connector Gender	Male
Connector Characteristics - First End Connector Shielding Type	Metal Backshell
Connector Characteristics - First End Overmold Type	5 Position DIN with Flex Tail
Connector Characteristics - First End Overmold Compound Material	PVC
Connector Characteristics - First End Overmold Color	Black
SECOND END :	
Connector Characteristics - Second End Connector Type	No Connector
NOT TERMINATED :	
Connector Characteristics (not Terminated) Jacket Removal Dimension	1 +/- .125 in.
Connector Characteristic (not terminated) Drain Wire Solder Dip	.25 +/- .125 in.
Wiring	Shield to Connector Shell

WIRING DIAGRAM:

Wiring Diagram Color Code Chart :

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green

MECHANICAL CHARACTERISTICS:

UL Temperature Rating	80°C (UL AWM Style 2464)

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

NEC/(UL) Specification	CM (cable only)
AWM Specification	UL Style 2464 (300 V 80°C) (cable only)

APPLICABLE STANDARDS:

EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

FLAME TEST:

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UL Flame Test	VW-1 (Cable only)

PLENUM/NON-PLENUM:

Plenum (Y/N)	N

ELECTRICAL CHARACTERISTICS:

Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)

NOTES:

Notes	Foil shielded for moderate-noise environments. Outer jacket stripped one inch.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
49152A 010B1	5 POS DIN STRAIGHT RI37895	B1	0.5	BLACK	Q
49152A 010S2	5 POS DIN STRAIGHT RI37895	S2	4	BLACK	

Q = STANDARD PACKAGES CANNOT BE BROKEN.

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